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OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA FPMR (41 CFR) 101-11.6

5010-107

~~SECRET~~

UNITED STATES GOVERNMENT

Memorandum

TO : The Files: Contract 4168, Task Order 3

EP 66-161
DATE: 12 July 1966

FROM : Mr. [redacted]
25X1A9a

SUBJECT: Inspection Report No. 4 - RT-66P2 with [redacted]
25X1A5a1

1. Project Description:

25X1C1a1 [redacted]

2. Contractual Information:

a. Initial Cost: $74,176.00
b. Request for Procurement Action: 26 October 1965
c. Initiation Date: 24 November 1965
d. Completion Date: 29 August 1966
e. Deliverable Items: 1 engineering model, 4 service test models, instruction books, manufacturing drawings

3. Date of Meeting: 30 June 1966

4. Place of Meeting: [redacted] 25X1A6a

5. Persons Attending:

Agency		Non-Agency	
25X1A9a Mr [redacted]	- OC-OS	Mr. [redacted]	25X1A5a1
Mr [redacted]	- OC-E/R&D-EP		
Mr [redacted]	- OC-E/R&D-EP		

6. Contractor's Performance:

GROUP 1
Excluded from automatic downgrading and declassification

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Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

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25X1A5a1 EP 66-161

SUBJECT: Inspection Report No. 4 - RT-66P2 with [redacted]

6. Contractor's Performance:

a. On schedule and expected to remain so: No
b. Within obligated funds and expected to remain so: Yes
c. Satisfactory technical progress: Yes

7. Project Status:

25X1C1a1 [redacted]

25X1A5a1 [redacted] has used prototype RCA devices in the RT-66P1 and RT-66P2 engineering model, but was recently advised by RCA that manufacture of these is being discontinued. A pair of transistors was obtained from 25X1A5a1 [redacted], but one malfunctioned during test. Although a second pair was obtained, they do not appear to be equivalent in performance to the 25X1A5a1 original pair. [redacted] is currently rechecking additional transistors. [redacted] 25X1A5a1 has a transistor which could be used, but would require modification of the driver circuitry. A sample pair is being obtained as a possible "backup" should the [redacted] transistors be unuseable. 25X1A5a1

The RT-66P2 was not in a demonstratable condition due to a broken gear in the semiautomatic tune mechanism. Although the gear was replaced during the visit, a ball bearing failure occurred in the gear train mechanism. No "live" demonstrations were conducted with the transmitter.

25X1A5a1 [redacted] was advised that the fine tune knob was unacceptable in its present configuration. The knob, about 1/2" in diameter, is difficult to grasp and turn due to the load imposed on the shaft by the motor and to a lesser extent—the gear train. A knob with a fold down wing grip was suggested.

25X1A5a1 [redacted] expects the transistor problem. . . .

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SUBJECT: Inspection Report No. 4 - RT-66P2 with [redacted] 25X1A5a

25X1A5a1 [redacted] expects the transistor problem to be resolved within the next week. About two weeks of laboratory testing will be required prior to the projected delivery date of 20 July 1966.

[redacted] 25X1A9a

Distribution:
R&D Subject File
OL/PD/PCB/CAS
R&D Lab
OC-OS
ESB
Monthly (3)
EP Chrono

25X1A9a OC-E/R&D-EP/[redacted]/bjp (12 July 1966)

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